



Fermilab

#SN-1 Heat Stress
T. DeLaney

August 23, 1983

TO: Larry Coulson
FROM: Terry DeLaney *TD*
SUBJECT: Monitoring Results

The following results were accumulated the afternoon of August 19, 1983. The worst case dry bulb reading was approximately 103°F and 50% relative humidity. Wind speed varied with location and was approximated at 6-10 mph.

<u>LOCATION</u>	<u>WBGT⁰F</u>	<u>KCAL/min</u>	<u>RECOMMENDED PERCENTILE WORK/REST REGIMEN</u>	<u>TIME</u>
Site 55-Haz. Waste				
Direct Sun	89.0	6.0	25/75	1:20
Shade	85.9	6.0	40/60	1:28
Direct Sun (Barrel)	90.2	6.0	25/75	1:31
Village-Lawn Mower				
Antoine Taylor	88.0	3.8	50/50	1:55
Shipping/Receiving				
Mezzanine	85.3	6.0	50/50	2:10
Warehouse (g.f.)	83.8	6.0	60/40	2:14
Boneyard				
(B. Kingsley, J. Leo)	88.0	4.0	50/50	2:38
Road A-Lawn Mowing	88.3	4.0	50/50	2:45

TD/jr

cc: B. Allen
 B. Kingsley
 T. Miller
 C. Zonick
 I.H. (3)